Shuttle[®]



DSWin Pro Quick Start Guide

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1. Getting started

System requirements:

- **DSWin Pro** software runs on Windows 7, 8, 10 & 11.
- The recommended system memory size is 8GB or more. If the system memory is less than 8GB, the_ software operations may not be able to complete due to memory constraints.
- Download and install the DSWin Pro (v.20230301) software from "<u>NS02V2 Series</u>" page or "<u>NS02A8/E8</u> <u>Series</u>" page of the official website. Note:
 - 1) DSWin Pro (v.20230301) needs to match the corresponding firmware version of NS02V2 series and NS02A8/E8 series.
 - 2) The recommended firmware version for NS02V2 series is "STD_1.0.9_20220622" or later, and for NS02A8/E8 series is "STD_1.0.12_20210325" or later.
- 2. Need to connect your PC through the same local area network (LAN) as the Shuttle XPC NS02V2 series & NS02A8/E8 series:
 - Turn on Wi-Fi then and select a network name.
 - Confirm that your PC is connected to the same LAN as your NS02V2 series or NS02 series.
- 3. Click to open the **DSWinPro** software.

Note: Make sure the built-in "DS Creator Pro" app on the NS02A8/E8 or NS02V2 series is running (so that the project content can be uploaded from your client device).

1.1 Support format

1. The specified frames for media (pictures & videos):

The recommended file size is within 500MB. If the file is too large, it may not be able to upload due to memory constraints.

- 16:9 (1.78:1) 4K resolution: 3840 x 2160 pixels
- 16:9 (1.78:1) 1080P resolution: 1920 x 1080 pixels
- 4:3 (1.33:1) 4K resolution: 2880 x 2160 pixels
- 4:3 (1.33:1) 1080P resolution: 1440 x 1080 pixels
- 2. Multi-media support to run:
 - Support 4K (3840 x 2160 pixels): <u>H.264/AVC (Landscape/ Horizontal only)</u>
 - a. Maximum frame rate: 25fps
 - b. Maximum bit rate: 50Mbps
 - c. File format: MP4, MOV

H.265/HEVC

a. Maximum frame rate: 60fps

- b. Maximum bit rate: 60Mbps
- c. File format: MP4, MOV
- Note: 4K video, only single frame is supported.
- Support 1080P (1920 x 1080 pixels):

<u>H.264/AVC</u>

٠

- a. Maximum frame rate: 60fps
- b. Maximum bit rate: 50Mbps
- c. File format: MP4, MOV

<u>H.265/HEVC</u>

- a. Maximum frame rate: 60fps
- b. Maximum bit rate: 60Mbps
- c. File format: MP4, MOV

1.2 Type description

Portra	Portrait / Vertical (*all resolutions are upper limit)				
V1	9:16	Picture: 2160 x 3840px Video: 2160 x 3840px (H.265 only) Scrolling text: font size: 24-160 pt			
V2	16:9 16:9 16:9	Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 pt	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov (default 48 pt)		
V3/V4	4:3 4:3	Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 pt	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov (default 48 pt)		
Landso	cape / Horizon	tal (*all resolutions are upper limit)			
H1	16:9	Picture: 3840 x 2160px Video: 3840 x 2160px Scrolling text: font size: 24-160 pt	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov (default 48 pt)		
H2/H3	16:9 9:16	Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 pt	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov (default 48 pt)		
H4/H5	9:16 16:9	Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 pt	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov (default 48 pt)		

Lands	Landscape / Horizontal (*all resolutions are upper limit)						
H6	4:3	Picture: 2880 x 2160pxFormat: .jpg, .png, .gif, .bmpVideo: 2880 x 2160pxFormat: .mp4, .3gp, .movScrolling text: font size: 24-160 pt (default 48 pt)					
Н7	4:3 4:3 9:16	Picture: 1080P Video: 1080P Scrolling text: font size: 24-160 p	Format: .jpg, .png, .gif, .bmp Format: .mp4, .3gp, .mov t (default 48 pt)				

2. Project list

The created projects will be displayed on this page.

Note: Press **O** button at the top left to display the version number.

Digital Signagefor Windows 🕡	(+) c	reate project	Upload p	roject	Language 📀
Project list	16:9 9:16	16:9	8:1 9:16 16:9	16:9 9:16	16:9
Upload records	0:1	16:9		8:1	
ᡚ Management	FrontDoo	FittingR 🔻	190211 🔻	20210719 💌	20210730 👻
All schedules	16:9				

2.1 Create a project

1. Press **Create project** button at the top of the screen to create a project.

Digital Signage for Windows 0			_
	Create project	Upload project	Languago 🕤 繁體中文
			简体中文
			English
Project list			Deutsch
			Français
Upload records			Español
			日本語
() Management			Русский
All schedules			

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Note:

DSWin Pro is available in the following languages: English, French, German, Japanese, Russian, Spanish, Simplified Chinese, Traditional Chinese.

2. Select a layout you require.

Note:

There are 11 types of layout templates for your needs.

3. Press **Next** button to continue to the next step.

📮 Digital Signage for Windows 🛈	- 2 X
Create project	Exit 😣
1 Select template > 2 > 3 > 4	
16:9 (Vertical alignment) 9:36 9:36 16:9 4:3 4:3 4:3 (Horizontal alignment)	169 (Horizontal alignment)
	Next >

- Enter a Project name and press Next button to continue to the next step.
 Step:
 - Enter a project name.
 - Project name can't be blank.
 - Special characters (' / ,) are not allowed.
 - 20 characters maximum.

Digital Signage for Windows		- 2 X
Create project		Exit 😣
1 > 2 Project name > 3	• 4	
	Project name : FrontDoor	
		Next >

5. Press 🕩 button to add digital signage contents such as scrolling text, pictures, videos (Website link only support single frame layout).



Note:

The preview feature 🙆 lets an editor view contents.

2.2 Picture and video

The recommended file size is within 500MB. If the file is too large, it may not be able to upload due to memory constraints.

Picture

• Format: JPG, PNG, GIF, BMP

Video

• Format: .MP4 (H.264 & H.265), .MOV

Steps:

- 1. Press Add button to add pictures or videos (10 items maximum).
- 2. Press **Open** button (System default, the selected action is completed).
- 3. Set items' switching speed.
- 4. Set items' effects.
- 5. Press **OK** button to finish.

Digital Signage for Windows					- 2 X
Create project					Exit 😣
0 > 0 > 6 Add media conter	: > 0			-	
	Picture and video	Scrolling text	Website		
		hrysanthemum.jpg	+ Add	1	
	e As	esert.jpg	— Delete		
	Second B		 ↑ Move up ↓ Move down 	Ð	
	Switching speed	1: 5 seconds	-		
		t: Fade In/out	*		
		Cancel OK	5		
e e e e e e e e e e e e e e e e e e e		U .			Previow
					Next >



2.3 Scrolling text

- Default size: 50 pt
- Font size: 50, 60, 70, 80...150 pt

Steps:

- 1. Enter text into "Text content" field (150 characters maximum).
- 2. Choose font size (50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150).
- 3. Choose a text color and a background color.
- 4. Set text rolling direction.
- 5. Set text rolling speed.
- 6. Press **OK** button to finish.

Digital Signage for Windows				- 2 X
Create project				Dat 😣
Add media cont	nt > @			
	Picture and video Sc	rollingtext	Website	
	Text content :		11	
	Font size : 50		*	
	Text color:			
	Background color :			
	Rolling direction : Left to	right	*	
	Rolling speed : Low		*	
	Cancel	OK		
		63		Previow
				Next N







7. Press **Next** button to the next step.



Note: Preview 💁: helps preview contents before upload the project.

2.4 Website link (support single frame layout only)

Recommend: RWD (Responsive Web Design)

Steps:

- 1. Enter website address into "URL" field (make sure you enter the full URL).
- 2. Press **OK** button to finish.

Digital Signage for Windows					- ≥ X
Create project					Exit 🐼
1 > 2 > 5 Add media conte	nt > 0			-	
	Picture and video	Scrolling text	Website		
	URL: http://www	.shuttle.com		Ð	
	c	ancel OK			
		U			Pievlow
					nex >

3. Press **Next** button to continue to the next step.



Note: Preview **O**: helps preview contents before upload the project.

2.5 Project schedule

To schedule a project's publication time, you have to first set the project as **scheduled**.

Steps:

- Schedule to start at the day and time you choose. Twenty-four-seven: 24 hours a day, 7 days a week.
- 2. Press Done button to finish.



Note:

button: Edit/ Preview/ Rename/ Delete the project.

Digital Signage for Windows			- 2 X
	Create pro	ject (Vpload project	
Project list	16:9 9:16	4:3	
Upload records	B:1 FrontDoo ♥ FittingR.	<u>5:1</u>	
₩anagement	Trange	Edit Preview	
All schedules		Rename Delete	

3. Management

Before upload a project, you have to add at least one device via the + button of **Group** or **Device**. You can also group the devices into device groups.

3.1 Add device

Steps:

- 1. Press Management button.
- 2. Press + button to add at least one device.

Note: Make sure the built-in "DS Creator Pro" app on the NS02A8/E8 or NS02V2 series is running (so that the project content can be uploaded from your client device).

📮 Digital Signage for Windows 👔				- 2 >
		Create project	 Upload project	
OCC Project list	+		+	
Upload records		Group (0)		Device (0)
Management				
All schedules			in the list. a new device.	
All schedules				

3. Press Add button to add single or multiple devices and then set the password. After setting, press

Next button.

Note:

- You can find the device through the **search bar**.
- When adding multiple devices, each device needs to be set with a password.

Digital Signage for Windows		- 2 X
Add device		Exit 😣
1 Add device > 2		
	Q	
	NS02_Series8(
	NS02V2_Series8(C0-84-70-4E-47-64)	
		Next

3.1.1 Set / Enter device password

Set/ enter a device password and press **OK** button to finish.

Note:

- The first time you connect to the device, you need to set a password.
- After setting the device password, when connecting again, you need to enter the device password before uploading the project.

Digital Signage for Windows 0	- 2 X
Add device	Edit 😣
Add device > 2	
Set device password	
Device password :	
Cancel	
	2001 >



- 4. You can select the device into a device group or press **No selection** button.
- 5. Press **Next** button to continue to the next step.

Digital Signage for Windows		- / X
Add group		Exit 😣
1 > 2 Select group		
	Add and connect to group	
	O Group01	
	No selection	
		Next

Digital Signage for Windows				- / X
	Create project	ĵ	Upload project	
Project list	+		+	
Upload records	Group (2) FrontDoor (device: 1)	E 🕨	Device (1)	4
Management ▶	Not in group (device: 0)			
All schedules				

Note:

1. Device status: device connected, device not connected.

- 2. Not in group:
 - button: Add to group/ Rename device/ Delete device.
 - Add to group: select a group to add.
 - Rename device: rename the device name (when the device is connected ONLY). Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.

- Delete device: delete the device.
- 3. <u>In group (named group)</u>:
 - button: Change group/ Quit group/ Rename device/ Delete device.
 - Change group: select a group to add.

- Quit group: remove device from group.
- Rename device: rename the device name (when the device is connected ONLY). Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.

Delete device: delete the device.

Forget device password 3.1.2

Once you forget the NS02V2 & NS02 series device password, you have to go to the NS02 device's Settings page and tap Factory Reset, then set the device password again.

- 1. Tap Settings 🍄 > System
- 2. Reset options > Erase all data (factory reset)
- 3. Tap Erase all data button

Add device to group 3.1.3

- 1. Press a group name of the bound device.
- 2. To add a device to a group, press button and then press Add to group button.

Note:

1. Device status: O device connected, O device not connected.

2. Not in group is the default group that cannot be deleted.

Digital Signage for Windows 🛈	Create project	(\black)	Upload project	Languaga 🕥
Project list	+ Group (2)		+ Device (2)	
Upload records	test (device: 0)	i.	NS02_Series8()	;
() Management	Not in group (device: 2)	•	NS02V2_Series8())	Add to group Rename device
All schedules				Delete device

3. Select a group and press **OK** button.

Digital Signage for Windows			- 2 X
*)	Select group		
	Group01		3
(C)1			
The Control of Control	Cancel	ОК	

3.1.4 Remove device from group

- 1. Press a group name of the bound device.
- 2. Press Quit group button.

Note:

device connected, 🥝 device not connected. 1. Device status: Digital Signage for W Create project Upload project + + Project list Device (1) Group (2) Upload records Ξ Þ NS02_Series8()) FrontDoor (device: 1) Change group Not in group (device: 0) Quitgroup Rename device Delete device All schedules

3.1.5 Change device to other group

- 1. Press a group name of the bound device.
- 2. Press Change group button.

Note:

			Language (
	Create project	Upload project	
000	+	+	
Project list	Group (2)	Device (1)
Upload records	FrontDoor (device: 1)	I NS02_Series8(Change (
🐼 Management	Not in group (device: 0)		Quit grou

3.1.6 Delete device

- 1. Press a group name of the bound device.
- 2. Press Delete device button.

Note:



3.1.7 Rename device

- 1. Press a group name of the bound device.
- 2. Press Rename device button.

Note:

Digital Signage for Windows	device connected,		not connected.	4
	Create project		Upload project	
Project list	+ Group (2)		+ Device (1)	
Upload records	FrontDoor (device: 1)	E 🔸	NS02_Series8(Change g
ر المعنون المع	Not in group (device: 0)			Quit grou
All schedules				Rename (Delete de

3.2 Add group

Steps:

- 1. Press Management button.
- 2. Press + button to create a group.

Note:

Not in group is the default group that cannot be deleted.

	Create project	Upload project		Language Θ
Project list	+ Group (2)	+	Device (0)	
Upload records	Group01 (device: 0)	••		
() Management	Not in group (device: 2)			
All schedules				



3. Enter group name and then press **Next** button to continue to the next step.

Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.

Digital Signage for Windows		- 2 X
Add group		Exit 😣
1 Create group name > 2		
	Group name :	
		Next 💙

4. Press **Add** button to add single or multiple devices and then set/ enter the password. After setting, press **Next** button.

Note:

- You can find the device through the **search bar**.
- When adding multiple devices, each device needs to be set with a password.

📮 Digital Signage for Windows 🛛 🛈		- / X
Add device		Exit 😣
1 Add device > 2		
	٩	
	NS02_Series8(
	NS02V2_Series8(C0-84-70-45-43-44)	
		Next 📏

5. Set/ Enter device password and then press **OK** button to finish.

Note:

• The first time you connect to the device, you need to set a password.



- After setting the device password, when connecting again, you need to enter the device password before uploading the project.
- Forget the device password, please refer to <u>3.1.2 Forget device password</u>.

Add group Bolt	
O > Q Select device	8
Set device password	
Device password : dd	
	2

6. Add devices into group and then press **Next** button to continue to the next step.

Digital Signage for Windows		- 2 X
Add group		Exit 😣
1 > 2 Select device		
	Q	
	NS02V2(C0-8= 7	
	DSA2LS(80-EL T	
		Next 📏

Digital Signage for Windows 🛛 🛈	Create project	Upload project	Language 🕥
Project list	+ Group (2)	+ Device (1)	
Upload records	FrontDoor (device: 1)	Add device	
रिंट्रे Management	Not in group (device: 0)	Rename group Delete group	
All schedules			

Note:

1. Device status: O device connected, O device not connected.

2. In group (named group):

- button: Add device/ Rename group/ Delete group.
- Add device: select a device to add.
- Rename group: rename the group name (when the device is connected ONLY). Note:

Special characters are not allowed: quotation marks (") ('), dash mark (-), slash (/), comma (,), blank.

• **Delete group**: delete the group.

3.2.1 Device is not in group

1. Device connected

For devices are not in the group, you can press is button and then press Add to group, Rename device or Delete device button for your needs.

Note:

Device status: 🖉 device connected, 🧭 device not connected

	Create project	ᠬ	Upload project	Language 🕥
Project list	+ Group (2)		+ Device (2)	
Upload records	test (device: 0)	E	NS02_Series8(i.
🛞 Management 🛛	Not in group (device: 2)	×	NS02V2_Series8(Add to group
All schedules				Rename device Delete device

2. Device not connected

For devices are not in the group, you can press substitution and then press Add to group or Delete device button for your needs. In addition, the device must be confirmed to be connected to push the project.

Note:

Digital Signage for Windows 🛛 🛈	Create project	(\black)	Upload project	Language 🕥
000 Project list	+ Group (2)		+ Device (2)	
Upload records	test (device: 0)	I.	NS02_Series8()	:
() Management	Not in group (device: 2)	×	NS02V2_Series8()	Add to group Delete devis

3.2.2 Device is in the group

1. Device connected

For devices that have joined a group, you can press button and then press Change group, Quit group, Rename device or Delete device button for your needs.

Note:

Device status: 🖉 device connected, 🧭 device not connected

+ Project list					
	Group (2)			+ Device (1)	
	ntDoor (device: 1) : in group (device: 0)	i	·	NS02_Series8(Change group
Management	an Brank Incares Al				Quit group Rename device Delete device

2. Device not connected

For devices that have been added to a group, you can press button and then press **Change** group, **Quit group** or **Delete Device** button for your needs In addition, the device must be confirmed to be connected to push the project.

Note:

device not connected

3.3 Project upload

Steps:

- 1. Press **Project list** button on the main menu.
- 2. Press **Upload project** button at the top of the screen.

Digital Signage for Windows 🕢	(+) cr	eate project	Upload project	Language
Project list	16:9 9:16 8:1	4.3		
Management	FrontDoo 👻	FittingR		
All schedules				

3. select a project and then press **Next** button to continue to the next step.

Digital Signage for Windows 1	- 2 X
Upload project	Exit 😣
1) Select project to upload > 2 > 3 > 4	
Image: 16.9 Image: 4:3 Image: 1.1 Image: 4:3 Image: 1.1 Image: 4:3 Image: 1.1 Image: 1.1 Image: 1.1 </th <th></th>	
	Next

4. Select a device or a group and then press **Next** button to continue to the next step.

Note:

If you cannot find the device, please go to the **Management** page to confirm that the specified device is connected.

Digital Signage for Windows		- 2
Ipload project		Exit 📀
> 2 Select target to upload > 3 > 4		
		1
Group	Device	
Group01	NS02V2	
no group	NS02V2	-
		J
Kara Back		Next

5. Press **Upload** button to continue to the next step.

📮 Digital Signage for Windows 🛛 🛈				- 2 X
Upload project				Exit 😣
1 > 2 > 3 Confirm (content > 🕢			
1	Group	Device	Project	
	Group01	NS02V2	FrontDoor	
Back				Upload +
DOCK				Upload

6. After upload successful, press **finish** button to continue to the next step.

Digital Signage for Windows				- 7 X	
Upload project				Dxit 😣	
	Start project upload				
	Group	Device	Status		
	Group01	NS02V2	Transmission		
					- / X
Г		100%		7	Exit 😣
L	-				
Back				Stop upload 🗙	
		Group	Device	Status	
		Group01	NS02V2	√ Success	
					•
			0%		
	Back				Finish 🗸

4. Upload records

Project list	Upload target	Recent projects	Time	Upload results
noject ist	NS02_Series	FrontDoor	2017-11-06 15:30	✓ Success
Upload records	NS02V20730	073001	2021-07-30 15:00	✓ Success
	NS02V2	073001	2021-07-30 16:07	× Failure
Management	NS02V2	FittingRoom	2021-08-26 13:09	× Failure
All schedules				

Tracking lists help give users to check upload history.

5. All schedules

All schedules will then appear on the schedule list.

Digital Signage for Windows 👔				- ×
	(Create project	Upload project	
Project list	Day	Time	Project name	Device
	Monday	10:00 - 13:00	FrontDoor	NS02V2
Upload records	Wednesday	10:00 - 13:00	FrontDoor	NS02V2
کی Management				
All schedules				
				Refresh



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July 18 2023